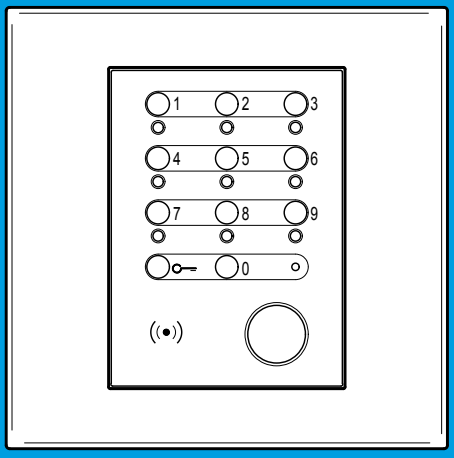
Alarms Notification Module
5739 54/5739 55

Installation manual



Part. U3629A - 11/08-01 PC

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Appendix 14

1 - Introduction

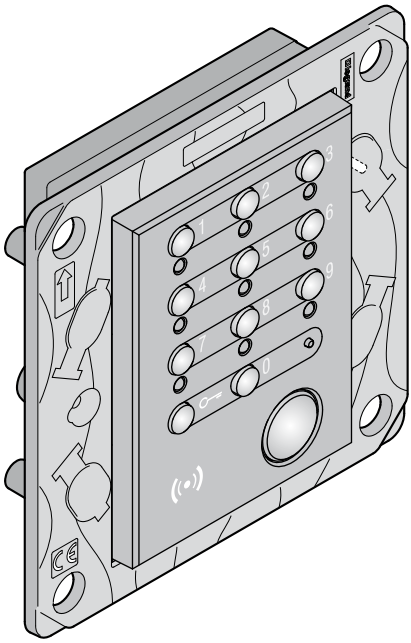
1.1 - Remarks and recommendations

This manual should be read very carefully before installing the unit. The warranty will become void in case of negligence, incorrect handling, improper use or tampering of the circuit by non authorised personnel.
The warranty will also be void, in case of faults developing due to strong accidental power surges from the mains power supply. Therefore, when installing the Alarms Notification Module in a location subject to strong atmospheric disturbance (thunderstorms), suitable protections devices should also be installed on the power line. It is also important that the equipment is correctly connected to the earthing system, in accordance with IEC norms.

1.2 - Contents of package

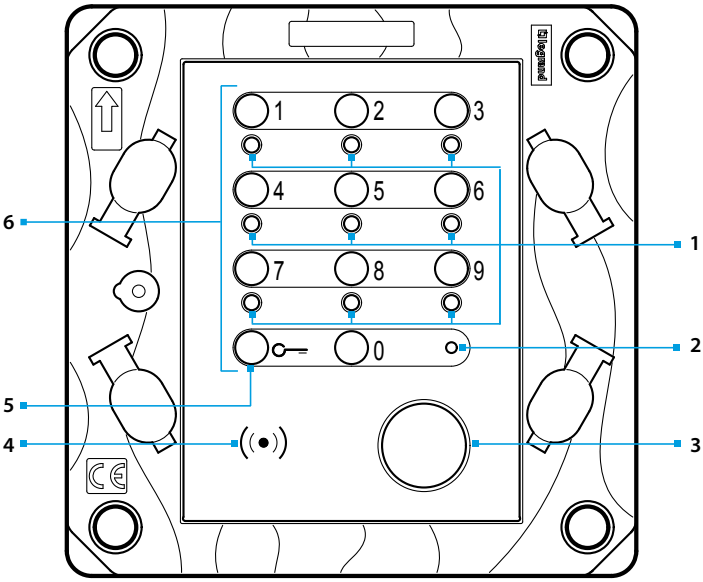
The unit package contains:

- The Alarms Notification Module, item 5739 54/5739 55
- The User Manual
- A CD-ROM with all the manuals in PDF format



2 - Description of the alarms notification module

2.1 - Front view



1 **LED:** user interface (for a detailed explanation of the various signals, refer to the section "User Interface" of the User Manual).

2 **Needle key with LED:** it enables access to the starting up procedure, resetting of the device and Code/Transponder operation.
(hereinafter called "**P**" key/LED in the present manual).

3 **PANIC key:** it generates an emergency call, even with the system disarmed.

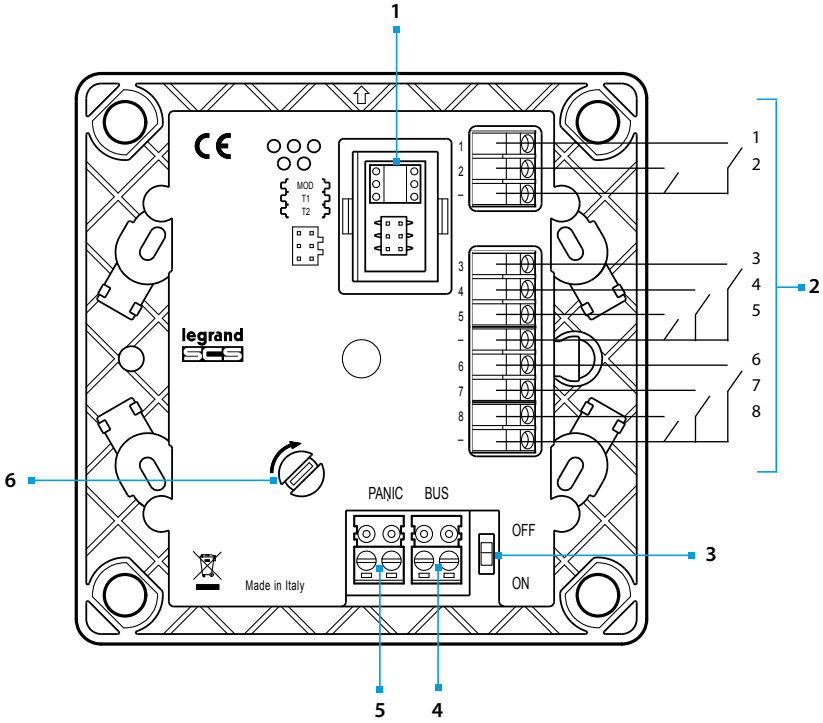
4 **Transponder reader:** it's compatible with all transponders used with the burglar alarm

5 **key:** when used in conjunction with the transponder code, it enables access to the system's arming/disarming procedure.

6 **Numeric keypad**

2 - Description of the alarms notification module

2.2 - Rear view



1 Configurators location

2 Contacts connection terminal box
(can be configured as follows: 1 – 5 burglar/technical faults alarms, 6 – 8 technical faults alarms).

3 ON/OFF Micro-switch for section termination
(select ON if the Alarms Notification Module is the last device within the section).

4 Terminal block for connection to the Legrand 2-wire digital system BUS

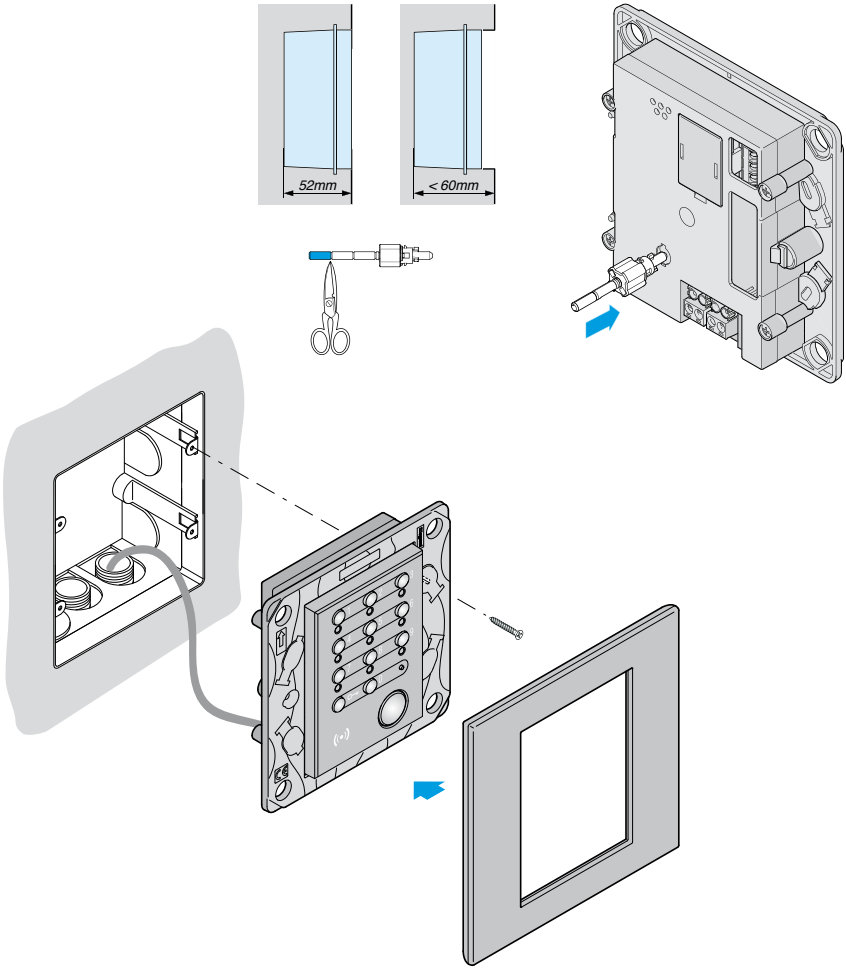
5 Terminal block for connection to a panic or remote assistance pushbutton

6 Local preset tamper for anti-tampering device, item 6831 64

3 - Installation

3.1 - Installation using the flush mounting box

- To install the anti-tampering device, item 6831 64, cut the tamper stem on the first reference mark, insert it in its seat, rotate 90° and remove it completely.
- Check that there is no damage by the tamper stem area, at the bottom of the flush mounting box, otherwise replace.
- After completing all connections, secure the device to the flush mounting box. Ensure that the cables are positioned in such a way that they will not be damaged.
- Use a small pressure, to fit the plate on the device.



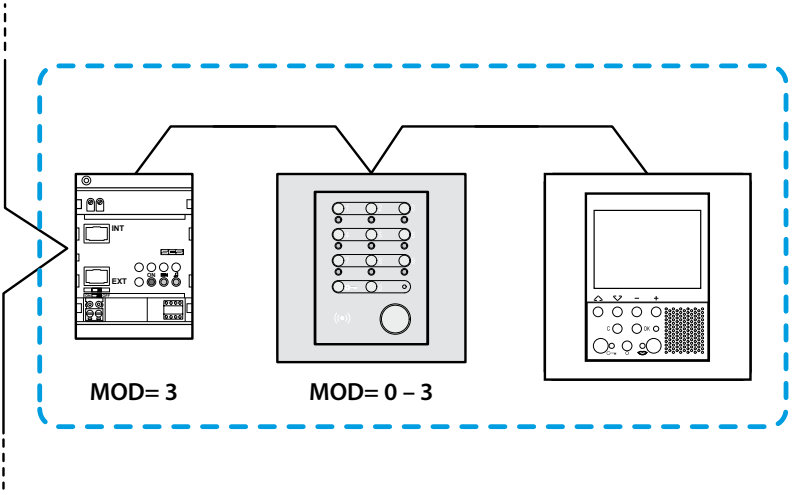
4 - Configuration

- The Alarms Notification Module is capable of handling 8 independent contacts and one additional contact dedicated to panic alarm signals (PANIC). Each contact can be enabled and disabled; its state (enabled/disabled/alarmed) is shown by the relevant LED (for the meaning of the various signals, refer to the User Manual, on the "LEDs light signals" section).
- The contacts can serve different purposes, depending on their configuration. In their basic configuration, contacts 1 – 5 handle burglar alarms, and contacts 6 to 8 are for the three technical fault alarms: gas leak, fire and flooding.
- All 8 alarm contacts should be treated as independent zones. They can be choked by disabling their channel. The PANIC contact, which can also be choked, is dedicated to the connection with a panic or remote assistance alarm.
- Each apartment can have only one Alarms Notification Module. The device configuration is done using three configurators (MOD, T1 and T2), depending on the system: the inputs, the alarm time delays or the address of the flat.

We recommend that the "Alarm Notification Module Configuration" table, which can be found in chapter 1 of the User Manual, is filled in all its parts, once the configuration is completed.

4.1 - Mode selection

System with apartment interface , item 0634 38



4 - Configuration

- **MOD Configurator**: it defines the use of the contacts in accordance with the table.

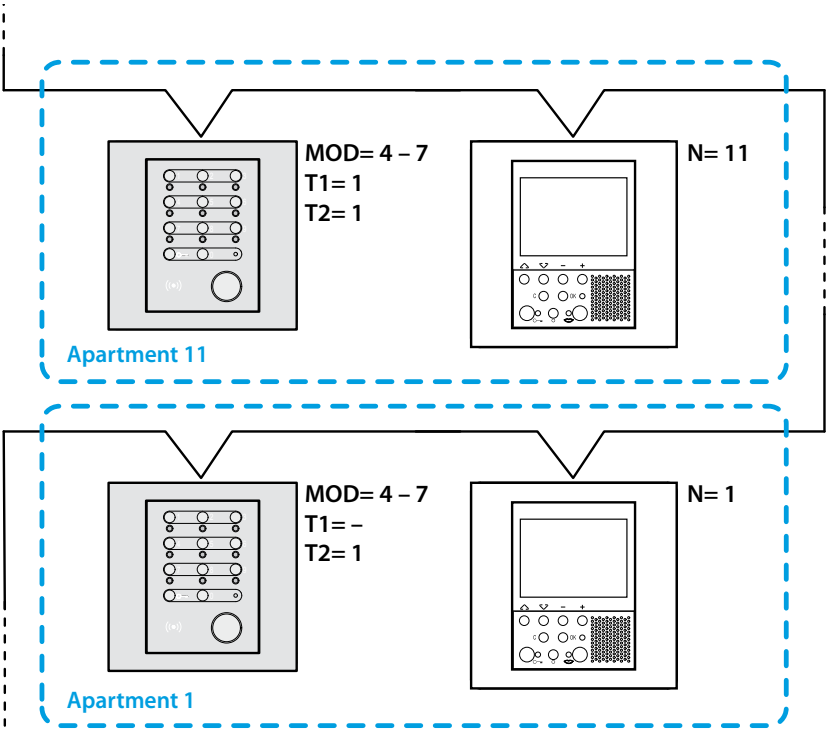
Mode	Contacts	Alarm type
0	1 – 5	Burglary alarm (1 and 2 delayed)
	6	Flooding
	7	GAS leak
	8	Fire
	PANIC	Emergency call
1	1 – 4	Burglary alarm (1 and 2 delayed)
	5	Freezer
	6	Flooding
	7	GAS leak
	8	Fire
	PANIC	Emergency call
2	1 – 3	Burglary alarm (1 and 2 delayed)
	4	Generic Technical Fault
	5	Freezer
	6	Flooding
	7	GAS leak
	8	Fire
	PANIC	Emergency call
3	1 – 2	Burglary alarm (1 and 2 delayed)
	3	Generic Technical Fault
	4	Generic Technical Fault
	5	Freezer
	6	Flooding
	7	GAS leak
	8	Fire
	PANIC	Emergency call

- **T1 Configurator:** it defines the time delay after the alarm is armed.
- **T2 Configurator:** it defines the time delay for the alarm notification to the hanset or the Switchboard.

Configurator	0	1	2	3	4	5	6	7	8	9
Time	30 s	10 s	1 min	1,5 min	2 min	2,5 min	3 min	3,5 min	4 min	10 min

4 - Configuration

System without apartment interface



- **MOD Configurator:** it defines the use of the contacts in accordance with the table.

Mode	Contacts	Alarm type
4	With **0** Mode, but **T1** and **T2** indicating the apartment number Fixed delay: 30 s	
5	With **1** Mode, but **T1** and **T2** indicating the apartment number Fixed delay: 30 s	
6	With **2** Mode, but **T1** and **T2** indicating the apartment number Fixed delay: 30 s	
7	With **3** Mode, but **T1** and **T2** indicating the apartment number Fixed delay: 30 s	

In modes 4 – 7, the delays for zones 1 and 2 (Burglary) and technical inputs are set to 30 seconds. Configurators T1 and T2 define the apartment's address.

5 - Switching the system on

5.1 - Starting up the system

When all 8 contacts are being used (burglary or technical, depending on the tables on chapter 4), with the burglary ones normally closed, and the technical alarms normally open, the Alarms Notification Module is already ready for use.

Should this not be the case, complete the following starting up procedure:

- Connect all contacts that will be used, and leave the others open;
- Move all burglary and technical fault sensors to the idle position;
- Switch on the device. This will cause all contacts to activate (burglary contacts will normally be closed, while the technical alarms will normally be open);
- Enter "**P**"+ **12345**. The "**P**" LED will turn red;
- By pressing the "**P**" key for 5 seconds, the "**P**" key LED will turn orange and will start flashing (starting of the set up stage);
- The LEDs of each normally closed channel will come on for one minute, while those for the normally open channels will stay off (or not connected);
- By pressing the "**P**" key, the LEDs will go off and the procedure can continue. The operation can be cancelled by pressing any key;
- The "**P**" key stays orange, but stops flashing;
- Activate all connected contacts (open the magnetic contacts, cross the IR coverage area, simulate technical alarm conditions etc.). When each input is activated, the relevant LED will come on, to indicate that is being handled by the device. Once all activations have been completed, the user will have an indication of all active inputs. Press the relevant key to enable an input;
- Press the "**P**" key. The "**P**" key LED turns green again (end of the installation procedure - system disarmed);
- Press the **0** key;
- Check that all desired inputs have been activated (burglary and technical faults);

5.2 - Resetting the device

Should any errors occur, connect the power supply by pressing the "**P**" key for 10 seconds (during which the "**P**" key led will become red and start flashing slowly).

After 10 seconds the "**P**" key LED will become orange, and continue flashing, indicating that the status of the inputs and saved transponders have been deleted and that the factory set user code has been reinstated.

The setting up procedure for the codes and the transponders can be found in the User Manual.

6 - Checking that the system is working correctly

Once the installation procedure of the Alarms Notification Module is complete, check that everything is working correctly:

1 Inputs Enabling/Disabling

The enabling/disabling status of the inputs can only be changed when the system is deactivated.

- Press the button of the disabled input to enable it and vice versa.
- Press the **0** button, to enable/disable all inputs.

2 System Arming/Disarming

- Press the ⊂— button, enter the **codice** (12345) or run the **Trasponder** by the reader, to change the status of the systemo.
- The "**P**" will be:
  Off: system armed
  ON green: system disarmed

3 Checking the handling of alarms

Activate all connected contacts:

Burglary alarm

- When the Alarms Notification Module detects a change in the contact, from an enabled and delayed burglary input, the LED assigned to that input will turn red and start flashing quickly. The device will also emit an acoustic signal, which will be repeated every second.

  After the time delay specified in the configuration, the alarm notification will be sent to the Handset and to the Switchboard, where it will be displayed.
- After sending the notification, the acoustic signal will stop, the input LED will continue to stay on, but flashing will become slow.

Technical Fault Alarm

- When the Alarms Notification Module detects the activation of an enabled technical fault input, the LED assigned to that input will turn red and start flashing quickly. The device will also emit an acoustic signal, which will be repeated every second.

  After the time delay specified in the configuration, the alarm notification will be sent to the Handset and to the Switchboard, where it will be displayed.
- After sending the notification, the acoustic signal will stop, the input LED will continue to stay on, but flashing will become slow.

PANIC Alarm

- The Panic alarm has its own dedicated input. This is connected to button **9** on the keypad. The alarm will be generated by pressing the panic button on the keypad or by activating the PANIC input.
  Like any other input, also this one can be deactivated by chocking. However the alarm will also be sent when the system is disarmed.

6 - Checking that the system is working correctly

- When the Alarms Notification Module receives a panic alarm signal, the buzzer will emit an acoustic signal for 10 seconds (fixed delay). The signal will then be sent to the Handset and to the Switchboard (irrespective of the actual state of the panic button).
- After sending the notification, the acoustic signal will stop, the LED of input **9** will continue to stay on, but flashing will become slow.

Anti-tamper alarm

- Generate a tamper alarm by opening the tamper protection.
- The "**P**" LED will start flashing slowly.

4 Cancelling alarms

- To remove the visual notification of the alarm, press the button of the input that generated the alarm.
- To also remove the alarm signal from the Handset and the Switchboard, press the button and enter the **codice** (12345) or run the **Trasponder** by the reader.
- For technical faults alarms, before cancelling the alarm notification, the alarm situation must be terminated.

Appendix

Technical data

Operating temperature	0 – 40 °C
Supply voltage	18 – 27 Vdc from SCS BUS
MAX absorption	20 mA

Legrand reserves at any time the right to modify the contents of this booklet and to communicate, in any form and modality, the changes brought to the same.

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